

Model Number: C1601S2ULA-22255-F7N5



# 16-way Single L-band Active Combiner

With -20dB Monitor Port



Front View of a 16-way L-band Combiner

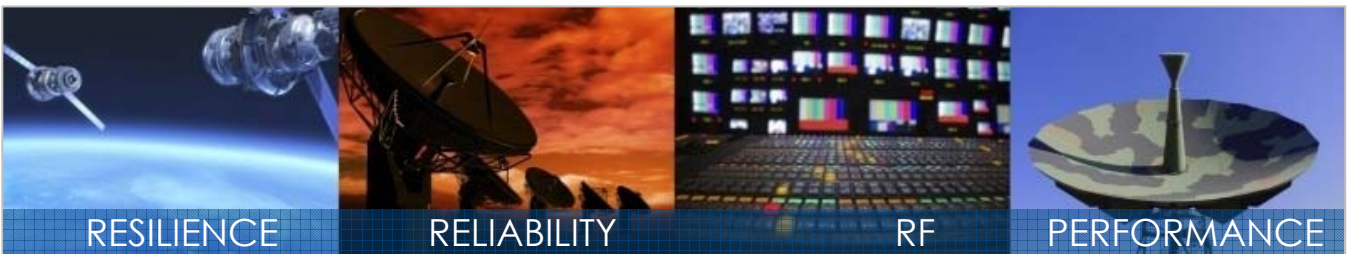
This single active 16-way combiner is housed in a 2U shelf and benefits from dual redundant power supplies, which are monitored by LED's on the front panel and via a dry contact alarm port on the rear.

This unit is ideal for combining L-band satellite signals on the transmit stream, and has the benefit of allowing the signal to be fed in to a carrier monitoring system.



Rear View of a 16-way L-band Combiner showing the -20dB Monitor Port

This unit is also supplied with a -20dB monitoring port via the rear panel which monitors the output power level. This combiner is available in a variety of impedances and connector types (model numbers will vary).



### Technical specifications and operating parameters

RF Parameters		
Capacity	16- way	
Frequency Range	850-2150 MHz (L-band)	
Gain	25 dB $\pm$ 1 dB nominal, mean	
Flatness	850-2150 MHz	$\pm$ 1.5 dB typical
	Any 36Mhz. band	$\pm$ 0.5 dB
1 dB compression	+ 10 dBm	
Noise Figure	18 dB (TBC)	
Input Return Loss	15 dB typical	
Output Return Loss	15 dB typical	

System Control	
Display	Front panel LEDs for Power and PSU status
Monitor Port	-20 dB on common port

Environmental	
Operating temperature	0 to 45°C
Location	Indoor use only
Storage temperature	-20°C to +75°C
Humidity	85% non-condensing

Physical	
Connectors	F-type IN, N-type OUT
Impedance	75Ω IN, 50Ω OUT
Dimensions	2U high x 350mm deep x 19" wide
Weight	8 kg
Colour	White 00-E-55 semi-gloss (Front panel)

Power	
AC Power	85-264V AC (50/60Hz)
LNB Power	None
PSU	Dual
Hot-swap PSU	No

Key Features	
Dry contact alarm for PSU failure	
LEDs for PSU monitoring	
-20 dB Monitor Port	